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Adolescent Health Profile

Teen fertility 15-17

(National Performance Measure 8)

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
238	16,138	14.7	24.2	43.0

The measure is the rate of births per 1,000 teens ages 15-17 for 2004-2006. The numerator is the total number of births to teens in 2004, 2005, and 2006. The denominator is the sum of the estimated population of females ages 15 through 17 for 2004, 2005, and 2006. The result is multiplied by 1,000 to yield the rate. The rate shown can be viewed as the average rate for each of the three years. Data are calculated by the county of residence of the teen. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. The HP 2010 goal refers to pregnancies, not births. The Colorado 2010 goal is 21 births per 1,000 teens.

Source: Numerator: Health Statistics and Vital Records, Colorado Department of Public Health and Environment.
Denominator: State Demography Office, Colorado Department of Local Affairs.

Adolescent Health Profile

Births to Latina teens 15-17

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
162	238	68.1	61.5	N/A

The measure is the percent of births to Latina teens ages 15-17 for 2004-2006. The numerator is the total number of births to Latina teens ages 15 through 17 in 2004, 2005, and 2006. The denominator is the total number of births to all teens ages 15 through 17 in 2004, 2005, and 2006. The result is multiplied by 100 to yield the percent. The percent shown can be viewed as the average percent for each of the three years. There is no HP 2010 goal or Colorado 2010 goal for this measure.

Source: Health Statistics and Vital Records, Colorado Department of Public Health and Environment.

Adolescent Health Profile

Teen homicide 15-19

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
DS	117,188	DS	5.7	3.0

The measure is the rate of homicides per 100,000 teens ages 15-19 for 2002-2006. The numerator is the sum of all homicides among teens 15-19 in 2002, 2003, 2004, 2005 and 2006. The denominator is the sum of the estimated population ages 15-19 for 2002, 2003, 2004, 2005 and 2006. The result is multiplied by 100,000 to yield the rate. The rate shown can be viewed as the average rate for each of the five years. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2.

Source: Numerator: Health Statistics and Vital Records, Colorado Department of Public Health and Environment.
Denominator: State Demography Office, Colorado Department of Local Affairs.

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Adolescent Health Profile Teen injury hospitalizations 15-19

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
467	117,188	398.5	543.3	N/A

The measure is the rate of hospitalization for injuries per 100,000 teens ages 15-19 for the period 2002-2006. The numerator is the sum of all hospitalizations for injuries of teens ages 15 through 19 in 2002, 2003, 2004, 2005 and 2006. The denominator is the sum of the estimated population of teens ages 15 through 19 in 2002, 2003, 2004, 2005 and 2006. The result is multiplied by 100,000 to yield the rate. The rate shown can be viewed as the average rate for each of the five years. Rates can be affected by small numbers, and caution should be used with these data. While there is no HP 2010 goal for the measure, the Colorado 2010 goal is 450.0.

Source: Injury Epidemiology, Prevention Services Division, Colorado Department of Public Health and Environment.

Adolescent Health Profile Teen motor vehicle deaths 15-19 (State Performance Measure 5)

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
8	70,703	11.3	22.9	9.2

The measure is the rate of deaths per 100,000 teens ages 15-19 caused by motor vehicle crashes for 2004-2006. The numerator is the total number of motor vehicle related deaths to teens ages 15 through 19 in 2004, 2005, and 2006. The denominator is the sum of the estimated population of teens ages 15 through 19 for 2004, 2005, and 2006. The result is multiplied by 100,000 to yield the rate. The rate shown can be viewed as the average rate for each of the three years. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2.

Source: Numerator: Health Statistics and Vital Records, Colorado Department of Public Health and Environment.
Denominator: State Demography Office, Colorado Department of Local Affairs.

Adolescent Health Profile Teen suicide 15-19 (National Performance Measure 16)

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
13	117,188	11.1	12.0	5.0

The measure is the rate of suicide deaths per 100,000 teens ages 15-19 for 2002-2006. The numerator is the total number of deaths to teens ages 15 through 19 in 2002, 2003, 2004, 2005 and 2006. The denominator is the sum of the estimated population of teens ages 15 through 19 for 2002, 2003, 2004, 2005 and 2006. The result is multiplied by 100,000 to yield the rate. The rate shown can be viewed as the average rate for each of the five years. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2.

Source: Numerator: Health Statistics and Vital Records, Colorado Department of Public Health and Environment.
Denominator: State Demography Office, Colorado Department of Local Affairs.

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Child Health Profile

Child abuse

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
691	62,569	11.0	9.2	10.3

The measure is the rate of maltreatment (including physical abuse, sexual abuse, emotional abuse, and/or neglect) of children younger than 18 in calendar year 2005. The value shown reflects the number of unique substantiated cases per 1,000 children less than 18 years of age in a county.

Source: Numerator: Colorado Central Registry, Colorado Department of Human Services.
Denominator: State Demography Office, Colorado Department of Local Affairs.

Child Health Profile

Child care centers using child care health consultants

(State Performance Measure 9)

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
130	135	96.3	87.3	N/A

The measure is the percent of child care centers that reported using a child health care consultant in the spring of 2007. Colorado Child Care Licensing requires centers to receive on-site consultation on health and safety issues from a designated nurse or physician at least one time per month. The numerator is the number of centers responding to a survey that reported use of a consultant. The denominator is the total number of centers responding to the survey. The result is multiplied by 100 to yield a percent. While there is no HP 2010 goal for this measure, the Colorado 2010 goal is 98.0 percent.

Surveys were filled out in the spring of 2007 by 100 percent of all centers in 31 counties and by at least 90 percent of all centers in Adams, Arapahoe, Broomfield, Denver, Douglas, Eagle, El Paso, Garfield, Jefferson, La Plata, Larimer, Pueblo, Routt, San Miguel, Summit and Weld Counties. Surveys were returned by at least 80 percent of all centers in Delta, Gunnison, Morgan and Saguache Counties and by 75-77 percent of all centers in Logan, Mesa and Rio Blanco Counties. Surveys were returned by two-thirds of all centers in Archuleta, Dolores, Grand, Kit Carson, Lincoln, Park and Yuma Counties. Hinsdale, Jackson and Ouray Counties saw a response rate of 50 percent, the lowest in the state.

Source: Qualistar Early Learning, Spring 2007 Survey submitted to Colorado Department of Public Health and Environment Prevention Services Division.

Child Health Profile

Child deaths 1-14

(National Outcome Measure 6)

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
30	243,058	12.3	19.3	N/A

The measure is the rate of child deaths per 100,000 children ages 1-14 for 2002-2006. The numerator is the sum of all deaths among children ages 1 through 14 in 2002, 2003, 2004, 2005 and 2006. The denominator is the sum of the estimated population of children ages 1 through 14 for 2002, 2003, 2004, 2005 and 2006. The result is multiplied by 100,000 to yield the rate. The rate shown can be viewed as the average rate for each of the five years. While there is no HP 2010 goal for the measure, the Colorado 2010 goal is 19.0. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2.

Source: Numerator: Health Statistics and Vital Records, Colorado Dept. of Public Health and Environment.
Denominator: State Demography Office, Colorado Department of Local Affairs.

Boulder County Profile 2008

Child Health Profile

Motor vehicle deaths 0-14

(National Performance Measure 10)

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
3	155,895	1.9	3.3	9.2

The measure is the rate of deaths per 100,000 children ages 0-14 caused by motor vehicle crashes for 2004-2006. The numerator is the sum of all deaths among children ages 0 through 14 in 2004, 2005, and 2006. The denominator is the sum of the estimated population of children ages 0 through 14 for 2004, 2005, and 2006. The result is multiplied by 100,000 to yield the rate. The rate shown can be viewed as the average rate for each of the three years. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. The HP 2010 goal is for all ages, not specifically for 0-14.

Source: Numerator: Health Statistics and Vital Records, Colorado Department of Public Health and Environment.

Denominator: State Demography Office, Colorado Department of Local Affairs.

Child Health Profile

Children with social emotional difficulties

(State Performance Measure 8)

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
N/A	N/A	21.4	27.2	N/A

The measure is the estimated percent of children ages 1-14 who have difficulties with emotions, concentration, behavior, or being able to get along with other people. The data combine two years of results from the Colorado Child Health Survey and are specific to children ages 1 through 14 in Colorado in 2005-2006. Numerators and denominators are not provided. County level data are provided for Adams, Arapahoe, Boulder, Denver, Douglas, El Paso, Jefferson, Larimer, Teller, and Weld. Appropriate Planning and Management Region data (see FAQs for list of counties by region) are shown for Broomfield, Clear Creek, Garfield, Gilpin, Mesa, Moffat, Park, and Rio Blanco. No data are available for other counties or Planning and Management Regions. While there is no HP 2010 goal for the measure, the Colorado 2010 goal is 25.0 percent.

Source: Colorado Child Health Survey, Health Statistics Section, Colorado Department of Public Health and Environment.

Child Health Profile

Dental care received

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
N/A	N/A	93.4	91.5	N/A

The measure is the estimated percent of children ages 1-14 who received needed dental care in the 12 months before the survey. The data combine two years of results from the Colorado Child Health Survey and are specific to children age 1 through 14 in Colorado in 2005-2006. Numerators and denominators are not provided. County level data are provided for Adams, Arapahoe, Boulder, Denver, Douglas, El Paso, Jefferson, Larimer, Teller, and Weld. Appropriate Planning and Management Region data (see FAQs for list of counties by region) are shown for Broomfield, Clear Creek, Garfield, Gilpin, Mesa, Moffat, Park, and Rio Blanco. No data are available for other counties or Planning and Management Regions. There is no HP 2010 goal or Colorado 2010 goal for this measure.

Source: Colorado Child Health Survey, Health Statistics Section, Colorado Department of Public Health and Environment.

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Child Health Profile

Health insurance coverage

(National Performance Measure 13)

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
N/A	N/A	90.8	88.0	100.0

The measure is the estimated percent of children ages 1-14 who had any kind of health care coverage, including health insurance, prepaid plans, or government plans. The data shown combine two years of results from the Colorado Child Health Survey and are specific to children ages 1 through 14 in Colorado in 2005-2006. County level data are provided for Adams, Arapahoe, Boulder, Denver, Douglas, El Paso, Jefferson, Larimer, Pueblo, Teller, and Weld. Appropriate Planning and Management Region data (see FAQs for list of counties by region) are shown for Broomfield, Clear Creek, Garfield, Gilpin, Grand, Mesa, Moffat, Park, and Rio Blanco. No data are available for other counties or Planning and Management Regions. Numerators and denominators are not provided.

Source: Colorado Child Health Survey, Health Statistics Section, Colorado Department of Public Health and Environment.

Child Health Profile

No gap in health care coverage

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
N/A	N/A	95.5	91.0	N/A

The measure is the estimated percent of children ages 1-14 who did not have a gap in their insurance coverage in the 12 months before the survey. The data shown combine two years of results from the Colorado Child Health Survey and are specific to children ages 1 through 14 in Colorado in 2005-2006. County level data are provided for Adams, Arapahoe, Boulder, Denver, Douglas, El Paso, Jefferson, Larimer, Teller, and Weld. Appropriate Planning and Management Region data (see FAQs for list of counties by region) are shown for Broomfield, Clear Creek, Garfield, Gilpin, Grand, Mesa, Moffat, Park, and Rio Blanco. No data are available for other counties or Planning and Management Regions. Numerators and denominators are not provided. There is no HP 2010 goal or Colorado 2010 goal for this measure.

Source: Colorado Child Health Survey, Health Statistics Section, Colorado Department of Public Health and Environment.

Child Health Profile

Medical care received

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
N/A	N/A	99.5	98.3	N/A

The measure is the estimated percent of children ages 1-14 who received all the medical care they needed in the 12 months before the survey. The data shown combine two years of results from the Colorado Child Health Survey and are specific to children ages 1 through 14 in Colorado in 2005-2006. County level data are provided for Adams, Arapahoe, Boulder, Denver, Douglas, El Paso, Jefferson, Larimer, Pueblo, Teller, and Weld. Appropriate Planning and Management Region data (see FAQs for list of counties by region) are shown for Broomfield, Clear Creek, Garfield, Gilpin, Grand, Mesa, Moffat, Park, and Rio Blanco. No data are available for other counties or Planning and Management Regions. Numerators and denominators are not provided. There is no HP 2010 goal or Colorado 2010 goal for this measure.

Source: Colorado Child Health Survey, Health Statistics Section, Colorado Department of Public Health and Environment.

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Child Health Profile

Personal doctor or nurse

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
N/A	N/A	58.8	61.5	N/A

The measure is the estimated percent of children ages 1-14 who have a personal doctor or nurse. The data shown combine two years of results from the Colorado Child Health Survey and are specific to children ages 1 through 14 in Colorado in 2005-2006. County level data are provided for Adams, Arapahoe, Boulder, Denver, Douglas, El Paso, Jefferson, Larimer, Pueblo, Teller, and Weld. Appropriate Planning and Management Region data (see FAQs for list of counties by region) are shown for Broomfield, Clear Creek, Garfield, Gilpin, Grand, Mesa, Moffat, Park, and Rio Blanco. No data are available for other counties or Planning and Management Regions. Numerators and denominators are not provided. There is no HP 2010 goal or Colorado 2010 goal for this measure.

Source: Colorado Child Health Survey, Health Statistics Section, Colorado Department of Public Health and Environment.

Child Health Profile

School-based health care

(State Performance Measure 1)

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
0	52,182	0	31.9	N/A

The measure is the percent of children and adolescents attending public schools who have access to basic preventive and primary, physical and behavioral health services through school-based health centers in the fall of 2006. The numerator is the number of children and adolescents in schools that have access to care in school through school-linked or school-based health centers. The denominator is the number of children and adolescents in public schools. The result is multiplied by 100 to yield a percent. While there is no HP 2010 goal for the measure, the Colorado 2010 goal is 15.0 percent.

The numerator reflects access to, but does not reflect actual utilization of, a school-based health center. Some schools count only students enrolled in the school as having access while some schools count all students within the county as having access, even when the number of school-based health centers is very limited. Go to: <http://www.casbhc.org/publication/Colorado%20SBHC%20Directory.pdf> for information specific to each school-based health center.

Source: Numerator: The Colorado School-Based Health Center Initiative, Prevention Services Division, Colorado Department of Public Health and Environment.

Denominator: Colorado Department of Education.

Child Health Profile

Immunization providers linked to Colorado Immunization Information System

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
16	47	34.0	52.2	N/A

The measure is the percent of immunization providers in a county who are linked to the Colorado Immunization Information System as of December 2007. The numerator is the number of immunization providers in a county who were linked to the system. The denominator is the total number of providers in the county. Providers may be individual pediatricians, pediatric practices, other physician practices, local health agencies, or community health centers that serve children. While there is no HP 2010 goal for the measure, the Colorado 2010 goal is 100.0 percent.

Source: Colorado Immunization Information System December 2007 Report to Prevention Services Division, Colorado Department of Public Health and Environment.

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Child Health Profile

Children with two or more records in the Colorado Immunization Information System

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
13,818	21,862	63.2	78.0	N/A

The measure is the percent of children ages 0-6 in a county with two or more records in the Colorado Immunization Information System as of December 2007. Two or more records indicates that the child has received some or all required immunizations. The numerator is the number of children with two or more immunization records in the system. The denominator is the estimated population of children ages 0-6 in the state of Colorado in 2007. There is no HP 2010 goal and no Colorado 2010 goal.

Source: Numerator: Colorado Immunization Information System December 2007 Report to Prevention Services Division, Colorado Department of Public Health and Environment.

Denominator: State Demography Office, Colorado State Department of Local Affairs.

Child Health Profile

Injury hospitalizations 0-19

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
836	378,373	230.7	295.2	N/A

The measure is the rate of hospitalization for injuries per 100,000 children and adolescents ages 0-19 for 2002-2006. The numerator is the sum of all hospitalizations for injuries of children and adolescents ages 0 through 19 in 2002, 2003, 2004, 2005 and 2006. The denominator is the sum of the estimated population of children and adolescents ages 0 through 19 for the same years. The result is multiplied by 100,000 to yield the rate. The rate shown can be viewed as the average rate for each of the five years. Rates can be affected by small numbers, and caution should be used with these data. While there is no HP 2010 goal for the measure, the Colorado 2010 goal is 230.0.

Source: Injury Epidemiology, Prevention Services Division, Colorado Department of Public Health and Environment.

Child Health Profile

Injury hospitalizations 0-14

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
369	261,186	147.0	198.3	N/A

The measure is the rate of hospitalization for injuries per 100,000 children ages 0-14 for 2002-2006. The numerator is the sum of all hospitalizations for injuries of children ages 0 through 14 in 2002, 2003, 2004, 2005 and 2006. The denominator is the sum of the estimated population of children ages 0 through 14 for the same years. The result is multiplied by 100,000 to yield the rate. The rate shown can be viewed as the average rate for each of the five years. Rates can be affected by small numbers, and caution should be used with these data. While there is no HP 2010 goal for the measure, the Colorado 2010 goal is 150.0.

Source: Injury Epidemiology, Prevention Services Division, Colorado Department of Public Health and Environment.

Boulder County Profile 2008

Child Health Profile

At risk of overweight and overweight

(State Performance Measure 7)

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
N/A	N/A	21.6	27.8	15.0

The measure is the percent of children ages 2-14 whose BMI (body mass index) is at or above 85 but under 95 percent of normal weight for height (at risk of overweight) and 95 percent and above of normal weight for height, (overweight). The data shown combine two years of results from the Colorado Child Health Survey and are specific to children ages 2-14 in 2005-2006. Numerators and denominators are not provided. County level data are provided for Adams, Arapahoe, Boulder, Denver, Douglas, El Paso, Jefferson, Larimer, Pueblo, Teller, and Weld. Appropriate Planning and Management Region data (see FAQs for list of counties by region) are shown for Broomfield, Clear Creek, Garfield, Gilpin, Grand, Mesa, Moffat, Park, and Rio Blanco. No data are available for other counties or Planning and Management Regions. The HP 2010 goal is for ages 6-19.

Source: Colorado Child Health Survey, Health Statistics Section, Colorado Department of Public Health and Environment.

Children with Special Health Care Needs (CSHCN) Profile

Children with social emotional difficulties (CSHCN)

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
N/A	N/A	N/A	54.0	N/A

The measure is the estimated percent of children with special health care needs ages 1-14 who have difficulties with emotions, concentration, behavior, or being able to get along with other people. The data shown combine two years of results from the Colorado Child Health Survey and are specific to children ages 1 through 14 with special health care needs in Colorado in 2005-2006. Numerators and denominators are not provided. No data are available below the state level. There is no HP 2010 or Colorado 2010 goal for this measure for children with special health care needs.

Source: Health Care Program for Children with Special Needs analysis of Colorado Child Health Survey, Colorado Department of Public Health and Environment.

Children with Special Health Care Needs (CSHCN) Profile

Family participation (CSHCN)

(National Performance Measure 2)

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
N/A	N/A	18.0	18.0	N/A

The measure is the degree to which the state assures family participation in program and policy activities in the state CSHCN program in FY 2005-2006 on a scale of 0 to 18 points. Data shown under County Measure are for Health Care Program for Children with Special Needs (HCP) regions and are not available for individual counties. The 64 Colorado counties are divided into 14 HCP regions. (These regions are not the same as the 14 State Planning and Management Regions.) While there is no HP 2010 goal for this measure, the Colorado FY 2006 goal is 18 points.

Source: Health Care Program for Children with Special Needs, Prevention Services Division, Colorado Department of Public Health and Environment.

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Children with Special Health Care Needs (CSHCN) Profile

Dental care received (CSHCN)

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
N/A	N/A	N/A	65.6	N/A

The measure is the estimated percent of children ages 1-14 with special health care needs who received needed dental care in the 12 months before the survey. The data shown combine two years of results from the Colorado Child Health Survey and are specific to children ages 1 through 14 with special health care needs in Colorado in 2006-2007. Numerators and denominators are not provided. No data are available below the state level. There is no HP 2010 goal or Colorado 2010 goal for this measure for children with special health care needs.

Source: Colorado Child Health Survey. Analysis by the Health Care Program for Children with Special Needs, Prevention Services Division, Colorado Department of Public Health and Environment.

Children with Special Health Care Needs (CSHCN) Profile

Health insurance coverage (CSHCN)

(National Performance Measure 4)

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
N/A	N/A	N/A	91.0	100.0

The measure is the estimated percent of children ages 1-14 with special health care needs who had any kind of health care coverage, including health insurance, prepaid plans, or government plans. The data shown combine two years of results from the Colorado Child Health Survey and are specific to children ages 1 through 14 with special health care needs in Colorado in 2005-2006. Numerators and denominators are not provided. No data are available below the state level.

Source: Colorado Child Health Survey. Analysis by the Health Care Program for Children with Special Needs, Prevention Services Division, Colorado Department of Public Health and Environment.

Children with Special Health Care Needs (CSHCN) Profile

No gap in health care coverage (CSHCN)

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
N/A	N/A	N/A	92.0	N/A

The measure is the estimated percent of children ages 1-14 with special health care needs who did not have a gap in their insurance coverage in the 12 months before the survey. The data shown combine two years of results from the Colorado Child Health Survey and are specific to children ages 1 through 14 with special health care needs in Colorado in 2005-2006. Numerators and denominators are not provided. No data are available below the state level. There is no HP 2010 goal or Colorado 2010 goal for this measure.

Source: Colorado Child Health Survey. Analysis by the Health Care Program for Children with Special Needs, Prevention Services Division, Colorado Department of Public Health and Environment.

Boulder County Profile 2008

Children with Special Health Care Needs (CSHCN) Profile

Medical care received (CSHCN)

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
N/A	N/A	N/A	97.0	N/A

The measure is the estimated percent of children ages 1-14 with special health care needs who received all the medical care they needed in the 12 months before the survey. The data shown combine two years of results from the Colorado Child Health Survey and are specific to children ages 1 through 14 with special health care needs in Colorado in 2005-2006. Numerators and denominators are not provided. No data are available below the state level. There is no HP 2010 goal or Colorado 2010 goal for this measure.

Source: Colorado Child Health Survey. Analysis by the Health Care Program for Children with Special Needs, Prevention Services Division, Colorado Department of Public Health and Environment.

Children with Special Health Care Needs (CSHCN) Profile

Personal doctor or nurse (CSHCN)

(National Performance Measure 3)

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
N/A	N/A	N/A	76.0	N/A

The measure is the estimated percent of children ages 1-14 with special health care needs who had a personal doctor or nurse. The data shown combine two years of results from the Colorado Child Health Survey and are specific to children ages 1 through 14 with special health care needs in Colorado in 2005-2006. Numerators and denominators are not provided. No data are available below the state level. There is no HP 2010 goal or Colorado 2010 goal for this measure.

Source: Colorado Child Health Survey. Analysis by the Health Care Program for Children with Special Needs, Prevention Services Division, Colorado Department of Public Health and Environment.

Infant Health Profile

Infant mortality

(National Outcome Measure 1)

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
79	17,731	4.5	6.1	4.5

The measure is the infant mortality rate per 1,000 live births for 2002-2006. The numerator is the sum of all infant (under one year of age) deaths in 2002, 2003, 2004, 2005, and 2006. The denominator is the total number of live births in the same five years. The result is multiplied by 1,000 to yield the rate. The rate shown can be viewed as the average rate for each of the five years. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2.

Source: Health Statistics and Vital Records, Colorado Department of Public Health and Environment.

Boulder County Profile 2008

Infant Health Profile

Black /White infant mortality

(National Outcome Measure 2)

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
N/A	N/A	N/A	3.0	N/A

The measure is the ratio of the black infant mortality rate to the white infant mortality rate for 2002-2006. The numerator is the black infant mortality rate. The denominator is the white infant mortality rate. The black rate is then divided by the white rate to yield a ratio. The ratio is based on data for the five-year time period 2002-2006. A value greater than 1.0 indicates relatively more black infant deaths than white infant deaths. N/A (Not Applicable) is shown where no black infant deaths occurred among residents of the county. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. While there is no HP 2010 goal for the measure, the Colorado goal for 2010 is 1.8.

Source: Health Statistics and Vital Records, Colorado Department of Public Health and Environment.

Infant Health Profile

Neonatal mortality

(National Outcome Measure 3)

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
56	17,731	3.2	4.4	2.9

The measure is the neonatal mortality rate per 1,000 live births for 2002-2006. The numerator is the sum of all neonatal deaths (deaths occurring in the first 28 days of life) in 2002, 2003, 2004, 2005 and 2006. The denominator is the total number of live births in the same five years. The result is multiplied by 1,000 to yield the rate. The rate shown can be viewed as the average rate for each of the five years. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2.

Source: Health Statistics and Vital Records, Colorado Department of Public Health and Environment.

Infant Health Profile

Newborn hearing screening

(National Performance Measure 12)

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
3,304	3,408	97.0	97.5	N/A

The measure is the percent of newborns who were screened for hearing impairment before hospital discharge in 2006. The numerator is the number of newborns who were born to Colorado residents who gave birth in Colorado that underwent the newborn hearing screening at birth. The denominator is the number of live births to Colorado residents who gave birth in Colorado. While there is no HP 2010 goal for this measure, the Colorado 2010 goal is 98.0 percent.

Source: Newborn Hearing Screening Program, Prevention Services Division, Colorado Department of Public Health and Environment.

Boulder County Profile 2008

Infant Health Profile

Low birth weight

(State Outcome Measure 1)

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
814	10,454	7.8	9.1	5.0

The measure is the low birth weight rate for 2004-2006. The numerator is the sum of the low birth weight (under 2500 grams or under 5 pounds, 8 ounces) live births in 2004, 2005, and 2006. The denominator is the sum of all live births in 2004, 2005, and 2006. The result is multiplied by 100 to yield the percent. Births with unknown weights are excluded. The rate shown can be viewed as the average rate for each of the three years. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2.

Source: Health Statistics and Vital Records, Colorado Department of Public Health and Environment.

Infant Health Profile

Very low birth weight

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
104	10,454	1.0	1.3	0.9

The measure is the percent of very low birth weight live births (births weighing less than 1500 grams or less than 3 pounds, 4 ounces) for 2004-2006. The numerator is the total number of very low birth weight births in 2004, 2005, and 2006. The denominator is the sum of all live births in 2004, 2005, and 2006. The result is multiplied by 100 to yield the rate. Births with unknown weights are excluded. The rate shown can be viewed as the average rate for each of the three years. Data are calculated by the county of residence of the mother. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2.

Source: Health Statistics and Vital Records, Colorado Department of Public Health and Environment.

Infant Health Profile

Very low birth weight births born in Level III hospitals

(National Performance Measure 17)

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
121	175	69.1	87.8	90.0

The measure is the percent of very low birth weight infants delivered from 2002-2006 at facilities considered to be appropriate for high-risk deliveries and neonates (Level IIIs). Data are calculated by the county of residence of the mother (not the county where the birth occurred). DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2.

The numerator is the sum of all very low birth weight infants (births weighing less than 1500 grams or less than 3 pounds, 4 ounces) delivered at a Level III hospital in 2002, 2003, 2004, 2005 and 2006. The denominator is the total number of very low birth weight infants in the same five years. The result is multiplied by 100 to yield the percent.

The Level III hospitals are those identified by the Colorado Perinatal Care Council. See the list at <http://www.coloradoperinatalcarecouncil.com/coloradohospitals.html>. N/A (Not Applicable) is shown for counties that had no very low birth weight births and thus had no very low birth weight deliveries at a Level III facility.

Source: Health Statistics and Vital Records, Colorado Department of Public Health and Environment.

Boulder County Profile 2008

Infant Health Profile

Postneonatal mortality

(National Outcome Measure 4)

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
23	17,731	1.3	1.7	1.2

The measure is the postneonatal mortality rate per 1,000 live births, 2002-2006. The numerator is the sum of all postneonatal deaths (deaths occurring after 28 days of life but before one year of age) in 2002, 2003, 2004, 2005 and 2006. The denominator is the total number of live births in the same five years. The result is multiplied by 1,000 to yield the rate. The rate shown can be viewed as the average rate for each of the five years. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2.

Source: Health Statistics and Vital Records, Colorado Department of Public Health and Environment.

Oral Health Profile

Caries experience

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
N/A	N/A	52.2	57.2	42.0

The measure is the estimated percent of children in grade 3 during the 2006-2007 school year with caries history. Caries experience, represented by a missing tooth or presence of a cavity or a filling, indicates that opportunities for primary prevention may have been missed. Dental caries is the single most common chronic disease of childhood. The data shown are from the Oral Health Surveillance System. Numerators and denominators are not provided. Estimates are based on the oral health of children examined in a number of Colorado counties and the proportion of schools in each county with students eligible at varying levels for the free and reduced lunch program.

Source: Oral Health Program, Rural and Primary Health Section, Prevention Services Division, Colorado Department of Public Health and Environment.

Oral Health Profile

Dental sealants

(National Performance Measure 9)

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
N/A	N/A	41.8	35.0	50.0

The measure is the estimated percent of children in grade 3 during the 2006-2007 school year with a dental sealant on at least one tooth. Dental sealants are plastic coatings applied to decay-susceptible tooth surfaces (the pits and fissures). The data come from the Oral Health Surveillance System. Numerators and denominators are not provided. Estimates are based on the oral health of children examined in a number of Colorado counties and the proportion of schools in each county with students eligible at varying levels for the free and reduced lunch program.

Source: Oral Health Program, Rural and Primary Health Section, Prevention Services Division, Colorado Department of Public Health and Environment.

Boulder County Profile 2008

Oral Health Profile

Medicaid dental services

(State Performance Measure 2)

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
3,424	13,649	25.1	27.3	57.0

The measure is the percent of children on Medicaid who received dental services during state FY 2005. The numerator is the number of children on Medicaid who obtained dental services, and the denominator is the total number of children that received Medicaid. The result is multiplied by 100 to yield the percent.

Source: Colorado Department of Health Care Policy and Financing.

Oral Health Profile

Untreated decay

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
N/A	N/A	20.8	24.5	21.0

The measure is the estimated percent of children in grade 3 during the 2006-2007 school year with untreated tooth decay. For children, untreated decay can result in chronic pain and early tooth loss, inability to concentrate at school, absence from school, reduced self-esteem, and psychosocial problems. The data shown are from the Oral Health Surveillance system. Numerators and denominators are not provided. Estimates are based on the oral health of children examined in a number of Colorado counties and the proportion of schools in each county with students eligible at varying levels for the free and reduced lunch program.

Source: Oral Health Program, Rural and Primary Health Section, Prevention Services Division, Colorado Department of Public Health and Environment.

Perinatal Health Profile

Breastfeeding initiation

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
N/A	N/A	90.7	85.6	75.0

The measure is the percent of all mothers who initiate breastfeeding with their newborns for the period 2001-2005. The data shown are from five years of surveys of all births. County level data are provided for Adams, Alamosa, Arapahoe, Archuleta, Boulder, Delta, Denver, Douglas, Eagle, Elbert, El Paso, Fremont, Garfield, Gunnison, Jefferson, Lake, La Plata, Larimer, Logan, Mesa, Moffat, Montezuma, Montrose, Morgan, Otero, Park, Prowers, Pueblo, Rio Grande, Routt, Summit, Teller, Weld, and Yuma. Appropriate Planning and Management Region data (see FAQs for list of counties by region) are shown for all other counties. Numerators and denominators are not provided. Since the HP 2010 goal of 75.0 percent has been met by Colorado. The Colorado 2010 goal is set at 87.0 percent.

Source: Pregnancy Risk Assessment Monitoring System (PRAMS) survey data, Health Statistics and Vital Records, Colorado Department of Public Health and Environment.

Boulder County Profile 2008

Perinatal Health Profile

First trimester prenatal care

(National Performance Measure 18)

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
3,019	3,403	88.7	79.7	90.0

The measure is the percent of infants born to women receiving prenatal care beginning in the first trimester of their pregnancy. The data shown are for calendar year 2006. The numerator is the number of live births where the mother began prenatal care during the first trimester of pregnancy. The denominator is the total number of live births. The result is multiplied by 100 to yield the percent. Births where the start of prenatal care is unknown have been excluded. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2.

Source: Health Statistics and Vital Records, Colorado Department of Public Health and Environment.

Perinatal Health Profile

Inadequate weight gain during pregnancy

(State Performance Measure 3)

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
N/A	N/A	20.9	23.0	N/A

The measure is the percent of women who gain an inadequate amount of weight during pregnancy for the period 2001-2005. The data shown are from five years of surveys of all births. County level data are provided for Adams, Alamosa, Arapahoe, Archuleta, Boulder, Delta, Denver, Douglas, Eagle, Elbert, El Paso, Fremont, Garfield, Gunnison, Jefferson, Lake, La Plata, Larimer, Logan, Mesa, Moffat, Montezuma, Montrose, Morgan, Otero, Park, Prowers, Pueblo, Rio Grande, Routt, Summit, Teller, Weld, and Yuma. Appropriate Planning and Management Region data (see FAQs for list of counties by region) are shown for all other counties. Numerators and denominators are not provided. While there is no HP 2010 goal for this measure, the Colorado FY 2010 goal is 18.0 percent.

Inadequate weight gain is defined as a gain of less than the recommended number of pounds according to a woman's body mass index (BMI). A woman with a low BMI (< 19.8) should gain 28-40 pounds. A woman with a normal BMI (19.8-26.0) should gain 25-35 pounds and a woman with a high BMI should gain 15-25 pounds.

Source: Pregnancy Risk Assessment Monitoring System (PRAMS) survey data, Health Statistics and Vital Records, Colorado Department of Public Health and Environment.

Perinatal Health Profile

Perinatal mortality

(National Outcome Measure 5)

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
85	17,814	4.8	6.5	4.5

The measure is the perinatal mortality rate per 1,000 live births for 2002-2006. The numerator is the sum of all perinatal deaths (fetal deaths occurring at 28 weeks of gestation or later and infant deaths occurring under 7 days of age) in 2002, 2003, 2004, 2005 and 2006. The denominator is the total number of live births plus all fetal deaths in the same five years. The result is multiplied by 1,000 to yield the rate. The rate shown can be viewed as the average rate for each of the five years. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2.

Source: Health Statistics and Vital Records, Colorado Department of Public Health and Environment.

Boulder County Profile 2008

Perinatal Health Measures Profile

Smoking during the three months before pregnancy

(State Performance Measure 6)

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
N/A	N/A	15.3	20.3	N/A

The measure is the percent of women who smoked during the three months before pregnancy for the period 2001-2005. The data shown are from five years of surveys of all births. County level data are provided for Adams, Alamosa, Arapahoe, Archuleta, Boulder, Delta, Denver, Douglas, Eagle, Elbert, El Paso, Fremont, Garfield, Gunnison, Jefferson, Lake, La Plata, Larimer, Logan, Mesa, Moffat, Montezuma, Montrose, Morgan, Otero, Park, Prowers, Pueblo, Rio Grande, Routt, Summit, Teller, Weld, and Yuma. Appropriate Planning and Management Region data (see FAQs for list of counties by region) are shown for all other counties. Numerators and denominators are not provided. While there is no HP 2010 goal for this measure, the Colorado FY 2010 goal is 13.7 percent.

Source: Pregnancy Risk Assessment Monitoring System (PRAMS) survey data, Health Statistics and Vital Records, Colorado Department of Public Health and Environment.

Perinatal Health Profile

Unintended births

Numerator	Denominator	County Measure	Colorado Measure	HP 2010 Goal
N/A	N/A	32.7	39.8	30.0

The measure is the percent of all births (not pregnancies) that are unintended for the combined period 2001-2005. The data shown are from five years of surveys of all births. County level data are provided for Adams, Alamosa, Arapahoe, Archuleta, Boulder, Delta, Denver, Douglas, Eagle, Elbert, El Paso, Fremont, Garfield, Gunnison, Jefferson, Lake, La Plata, Larimer, Logan, Mesa, Moffat, Montezuma, Montrose, Morgan, Otero, Park, Prowers, Pueblo, Rio Grande, Routt, Summit, Teller, Weld, and Yuma. Appropriate Planning and Management Region data (see FAQs for list of counties by region) are shown for all other counties. Numerators and denominators are not provided.

Source: Pregnancy Risk Assessment Monitoring System (PRAMS) survey data, Health Statistics and Vital Records, Colorado Department of Public Health and Environment.